

9.2 Application Problems Using Vectors (odd answers)

1. $\vec{v} = 10.4N, 23.4^\circ, 76.6^\circ$

3. $w = 2499.7 \text{ lbs.}$

5. $\vec{F} = 5.83mph, 59^\circ \text{ from the north}$

7. 11°

9. $\vec{v} = 451mph \text{ (ground speed), bearing of } 108.2^\circ \text{ (from the north)}$

11-17 Review